

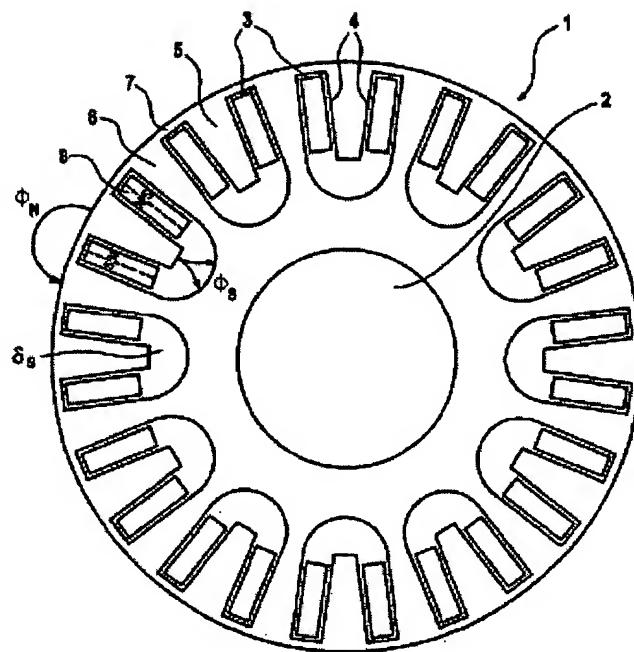
**Permanent-magnet excited rotor for a synchronous machine****Patent number:** EP1309066**Publication date:** 2003-05-07**Inventor:** KNAUFF AXEL (DE); VOLLMER ROLF (DE)**Applicant:** SIEMENS AG (DE)**Classification:**- **International:** H02K1/27- **European:** H02K1/27B2C1B**Application number:** EP20020023206 20021016**Priority number(s):** DE20011053750 20011031**Also published as:**

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**Abstract of EP1309066**

A rotor for a permanent magnet synchronous electric motor comprises a stamped metal disk 1 with a central hole and peripheral gaps 3 containing at least two permanent magnets 8 with disk segments 5 between the magnets. There is an air gap (delta) between the magnets and the central region of the disk.

**FIG 1**

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